

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A vascular occlusive device comprising:

a support member;

a plurality of thrombogenic fibers mounted on said support member and having a first unconstrained position and a second constrained position; and,

an outer barrier disposed over said plurality of thrombogenic fibers for normally constraining said thrombogenic fibers in the second constrained position, said outer barrier exhibiting the characteristic of dissolving when exposed to bodily fluids to thereby release said thrombogenic fibers to permit said thrombogenic fibers to return to the first unconstrained position to thereby react with bodily fluids in order to cause tissue ingrowth. to prevent exposure of said fibers to bodily fluid when said vascular occlusive device is inserted into a blood vessel, said outer barrier exhibiting the characteristic of being substantially inert to bodily fluid but dissolving when exposed to an external agent.

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Claim 2 (original): A vascular occlusive device as defined in Claim 1, wherein the support member is a vascular occlusive embolic coil.

Claim 3 (original): A vascular occlusive device as defined in Claim 2, wherein the support member takes the form of a helically wound metallic coil.

Claim 4 (original): A vascular occlusive device as defined in Claim 1, wherein the fibers normally extend outwardly from the surface of said support member.

Claim 5 (original): A vascular occlusive device as defined in Claim 4, wherein the outer barrier retains the plurality of fibers in a flattened configuration along a surface of the support member.

Claim 6 (currently amended): A vascular occlusive device comprising:

a support member;

a thrombus inducing member disposed on said support member and having a first unconstrained position and a second constrained position; and,

an outer barrier disposed on said thrombus inducing member for normally constraining said thrombus inducing member

in a the second constrained position, said outer barrier exhibiting the characteristic of dissolving when exposed to bodily fluids to thereby release said thrombus inducing member to permit said thrombus inducing member to return to the first unconstrained position to thereby react with bodily fluids in order to cause tissue ingrowth.

Claim 7 (original): A vascular occlusive device as defined in Claim 6, wherein the support member is a vascular occlusive embolic coil.

Claim 8 (original): A vascular occlusive device as defined in Claim 7, wherein the support member takes the form of a helically wound metallic coil.

Claim 9 (original): A vascular occlusive device as defined in Claim 6, wherein the outer barrier takes the form of a coating applied to the thrombus inducing member.

Claim 10 (original): A vascular occlusive device as defined in Claim 6, wherein said thrombus inducing member comprises fibers.

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Claim 11 (original): A vascular occlusive device as defined in Claim 6, wherein said thrombus inducing member comprises nylon fibers.

Claim 12 (original): A vascular occlusive device as defined in Claim 10, wherein said thrombus inducing member comprises bioabsorbable fibers.

Claim 13 (currently amended): A vascular occlusive device comprising:

a support member;

a thrombus inducing member disposed on said support member and having a first unconstrained position and a second constrained position; and,

an outer barrier disposed on said thrombus inducing member for normally constraining said thrombus inducing member in a the second constrained position, said outer barrier exhibiting the characteristic of being substantially inert to bodily fluid but dissolving when exposed to an external agent to thereby release and uncover the thrombus inducing member.

Claim 14 (original): A vascular occlusive device as defined in Claim 13, wherein the support member is a vascular occlusive embolic coil.

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Claim 15 (original): A vascular occlusive device as defined in Claim 14, wherein the support member takes the form of a helically wound metallic coil.

Claim 16 (original): A vascular occlusive device as defined in Claim 13, wherein the outer barrier takes the form of a coating applied to the thrombus inducing member.

Claim 17 (original): A vascular occlusive device as defined in Claim 13, wherein said thrombus inducing member comprises nylon fibers.

Claim 18 (original): A vascular occlusive device as defined in Claim 16, wherein said thrombus inducing member comprises nylon fibers.

Claim 19 (original): A vascular occlusive device as defined in Claim 13, wherein said outer barrier is comprised of ethylene alcohol.